IN THE CLAIMS:

Amend independent claim 2 to incorporate the subject matter of allowable dependent claim 7 and cancel claims 7 and 20-27 without prejudice or admission as shown in the following listing of claims, which replaces all previous versions and listings.

1. (previously presented) A user interface for a sample analyzer having a computer, comprising: a first display having one or more user-selectable control items for controlling a sample analysis procedure and one or more user-selectable analysis items for controlling analysis of measurement results; a second display generated in response to user selection of a control item from the first display for requesting user input of parameters for use in controlling the sample analysis procedure; customization means for performing customization of the second display by generating a third display having user-selectable options for the parameters; and customized state storing/restoring means for saving and restoring customized states of the second display.

2. (currently amended) An analysis system, built into an analyzer or connected to an analyzer, containing one or more software programs for use in controlling the analyzer or analyzing measurement data output from the analyzer,

comprising: a user interface for displaying items for which parameters are input by a user for use in controlling an analysis procedure performed by the analyzer or controlling analysis of measurement data; customization means for performing customization of the user interface; and customized state storing/restoring means for saving and restoring customized states of the user interface; wherein the customization means generates a dialog box containing user-selectable options that permit user-selection of whether or not respective items are to be displayed; and wherein the customization means obtains a value of a respective parameter from a designated location when user input of the respective parameter is not permitted.

3. (previously presented) An analysis system, built into an analyzer or connected to an analyzer, containing one or more software programs for use in controlling the analyzer or analyzing measurement data output from the analyzer, comprising: a user interface for receiving input of parameters for use in controlling an analysis procedure performed by the analyzer or controlling analysis of measurement data; customization means for performing customization of the user interface; and customized state storing/restoring means for saving and restoring customized states of the user interface; wherein the customization means generates a dialog box that

permits user-selection of whether or not user input of respective parameters is possible.

4. (previously presented) An analysis system according to claim 2; wherein the customization means obtains a value of a respective parameter from a designated location when an item corresponding to the respective parameter is set to not be displayed in the second display.

5. (previously presented) An analysis system according to claim 2; wherein the customized state storing/restoring means saves and restores customized states matched to individual users when the analyzer is utilized by a plurality of users.

6. (previously presented) An analysis system according to claim 2; wherein the customization means generates a dialog box containing options that permit user-selection of whether or not respective items are to be displayed.

7. (canceled).

8. (previously presented) An analysis system according to claim 2; wherein the analyzer is a differential scanning calorimeter.

9. (previously presented) A user interface for a sample analyzer according to claim 3; wherein the customized state storing/restoring means saves and restores customized states matched to individual users when the sample analyzer is utilized by a plurality of users.

10. (previously presented) An analysis system according to claim 3; wherein the analyzer is a differential scanning calorimeter.

11. (previously presented) A user interface for a sample analyzer according to claim 1; wherein the customization means generates a dialog box as the third display, and the user-selectable options contained in the dialog box permit user-selection of whether or not user input of respective parameters is possible in the second display.

12. (previously presented) A user interface for a sample analyzer according to claim 1; wherein the customization means generates a dialog box as the third display, and the user-selectable options contained in the dialog box permit user-selection of whether or not respective parameters are to be displayed in the second display.

13. (previously presented) A user interface for a sample analyzer according to claim 12; wherein the customization means obtains a value of a respective parameter from a designated location when the respective parameter is set to not be displayed in the second display.

14. (previously presented) A user interface for a sample analyzer according to claim 1; wherein the customization means obtains a value of a respective parameter from a designated location when the respective parameter is set to not be displayed in the second display.

15. (previously presented) A user interface for a sample analyzer according to claim 1; wherein the customized state storing/restoring means saves and restores customized states matched to individual users when the sample analyzer is utilized by a plurality of users.

16. (previously presented) A user interface for a sample analyzer according to claim 1; wherein the sample analyzer is a differential scanning calorimeter.

17. (previously presented) A user interface for a sample analyzer according to claim 1; wherein the first display contains an image of sample characteristics.

18. (previously presented) A user interface for a sample analyzer according to claim 17; wherein the sample analyzer is a differential scanning calorimeter.

19. (previously presented) A user interface for a sample analyzer according to claim 18; wherein the image of sample characteristics is a data curve.

20. - 27. (canceled).